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GMD/PAG/M-41-65
5 March 1965

MEMORANDUM FOR: NSA/TCO 25X1A
ATTENTION: [REDACTED]
THROUGH: [REDACTED] NSA/LO/NPIC
SUBJECT: Chinese Shipyards and Port Facilities
REFERENCE: Requirement No. [REDACTED], NPIC Project
No. 12037-64 (Partial answer)

In response to the referenced requirement, the attached material
is forwarded herewith:

Pre-release of Detailed Photographic Interpretation
Report "Hu-Tung Shipyard, Shanghai, China".

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[REDACTED]
Colonel, USA
Assistant for Photographic Analysis, NPIC

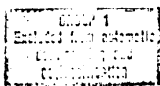
Attachment:
As stated above

Declass Review by NIMA/DOD

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Hu-Tung Shipyard, Shanghai, China

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Hu-Tung Shipyard [] is located in Northeast Shanghai on the east bank of the Huang-Pu River at 31-16N 121-33E.

Facilities at this shipyard include 3 offshore wharves, 4 shipbuilding/repair ways, 3 craneways, a transverser launching system, 1 marine railway, 6 jib cranes, 3 automotive cranes and 1 floating crane.

Construction of buildings between [] includes 1 steam plant (Item 13) and 40 storage/support buildings, some of which are temporary shelters.

The shipyard is divided into 3 major areas. Area I, in the Northern Section of the yard is the Woodworking Area and contains 1 probable steam plant, 4 fabrication buildings, 1 woodworking shop, and an open storage area (with a bridge crane) which contains stacks of lumber.

Area II, located in the central section of the yard is the Shipbuilding/Repair Area and contains a transverse launching way, 4 building ways, 3 craneways (with 6 jib cranes), and 1 fabrication building. The east portion of building ways 7E and 7F is 545' x 200' and is secured by a wall.

Area III, located in the Southern Section of the yard is the Repair Area, and contains 1 steam plant, a transformer yard, 1 fabrication building, 1 administration and engineering building, 8 workshops and an open storage area (with a bridge crane).

The Soviet-style launching system consists of a transverser platform, and transverser. From the building ways a vessel is moved longitudinally onto the transverser and then laterally along the platform where it is side-launched.

The following vessels were observed at the shipyard on the dates indicated. All measurements in feet.

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On Building Ways

7 U/I Hulls 100 x 20
1 Merchant 350 x 45 Under construction

Other vessels moored to the 3 wharves include

10 Riverboats, 190 x 30, 230 x 45 and 8 100 x 20
2 Passenger Ferrys 340 x 50 and 290 x 50
2 U/I Hulls 340 x 55
1 Poss U/I Surface Combatant 250 x 30
2 U/I Vessels 195 x 35

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Building Way E

1. U/I Vessel 100 x 25
2. U/I Hull 190 x 40

Building Way F

1. Two Prob. Riverboats under construction, (1- 105 x 25 and 1 - 85 x 25)
2. One U/I Hull 145 x 25
3. Within secured area 2 U/I Vessels Poss. Combatants (one partially obscured by a temporary weather shed)

Building Way H

1. 5 U/I Hulls 145 x 25

Building Way I

1. One U/I Merchant Vessel (less stern) 255 x 45
2. One Tug 100 x 25

Basin

- 2 P-6 MTB

Other vessels moored to the 3 wharves include

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- 1 Merchant Ship 350 x 45 KKFK 2H
- 1 Riga
- 1 Kaibokan 230 x 30
- 16 Riverboats 290 x 50, 215 x 35, 210 x 45 and 13 100 x 20
- 5 Barges 210 x 45, 4 110 x 30 (one on Marine Railway)
- 6 Small Row Boats

Tab of Installation

<u>Number</u>	<u>Size</u>	<u>Function</u>	<u>Roof</u>
1	285 x 90	Fabrication	Double Bay Gable
2	240 x 90	Woodworking	Double Bay Gable
3	50 x 40	Prob. Steam Plant	Flat
4	340 x 180	Fabrication	Arch w/Monitor
5	330 x 155	Fabrication	Monitor
6	355 x 270	Fabrication	Monitor
7A	350 x 20	Transverse Platform	Monitor
7B	350 x 335	Transverse Launching Way	Monitor
7C	380 x 35	Winch House	Flat
7D	885	Craneway	
7E	880 x 105	Shipbuilding Way	

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Number	Size	Function	Roof
7F	880 x 105	Shipbuilding Way	
7G	885	Craneway	
7H	860 x 85	Shipbuilding Way	
7I	860 x 85	Shipbuilding Way	
7J	860	Craneway	
8	880 x 265	Fabrication	Monitor
9	260 x 155	Workshop	Monitor
10	235 x 165	Workshop	Monitor
11	150 x 70	Workshop	Monitor
12	220 x 120	Workshop	Monitor
13	80 x 55	Steam Plant	Gable
14	235 x 150	Work Shop	Monitor
15	280 x 130	Work Shop	Monitor
16	285 x 150	Work Shop	Monitor
17	285 x 150	Work Shop	Monitor
18	105 x 80	Administration and Engineering *	Flat
19	615 x 365	Fabrication	Monitor

Wharves, Pier and Marine Railway

20	Pier 85 x 20
21	Offshore wharf 460 x 45 1 approach 95 x 20 Basin 370 x 140
22	Launching Basin 450 wide
23	Offshore wharf 1120 x 35 5 approaches averaging 80 x 30
24	Offshore wharf 225 x 35 2 approaches averaging 70 x 25
25	Marine Railway 165 x 15

References

Photography: 25X1D

Maps:

US Air Target Chart - Series 200, Sheet 0492-2HL, 2nd ed., August 1964

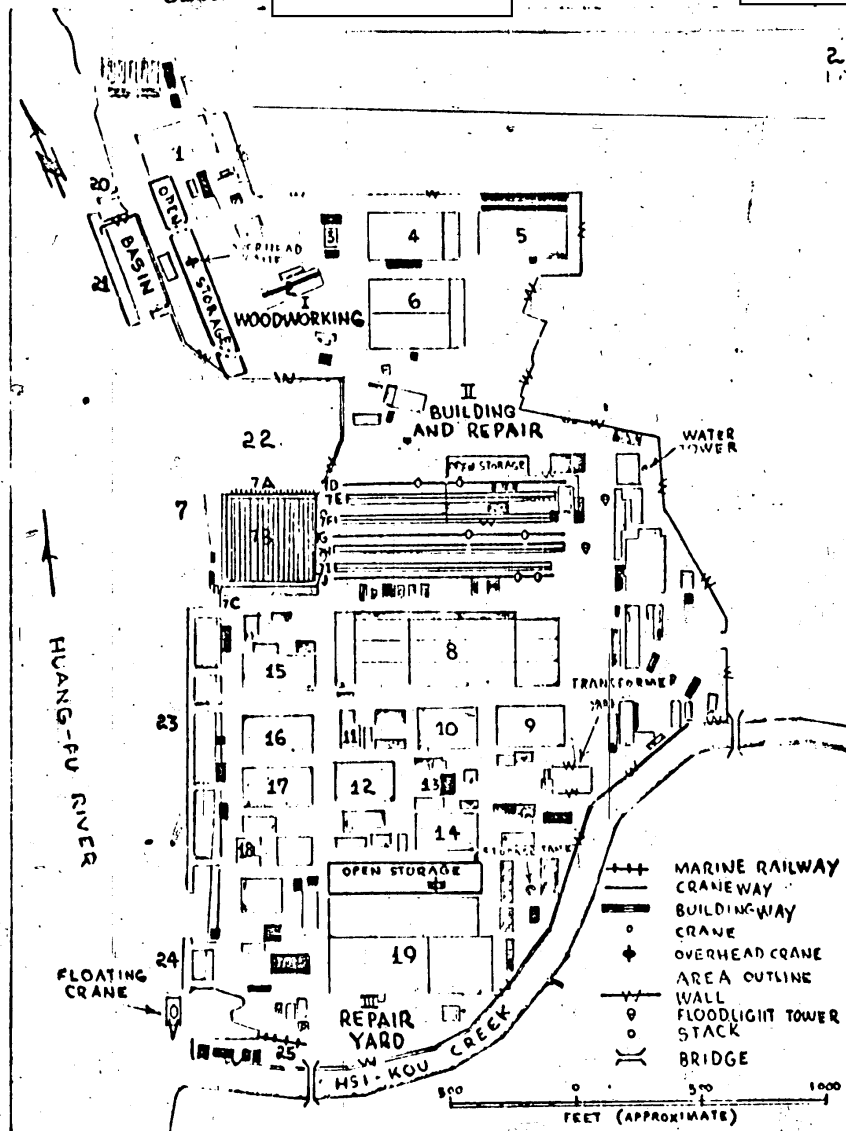
* Multistory building

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